

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Previously Presented) A process for the production of an alcohol by the hydrogenation of an aliphatic aldehyde over a catalyst comprising a copper compound, and a zinc compound comprising the step of treating said catalyst with an organic sulphur compound.
2. (Previously Presented) A process according to claim 1, wherein said aliphatic aldehyde is present in a feed stream containing an olefin.
3. (Previously Presented) A process according to claim 2, wherein said feed stream is the product of a hydroformylation reaction.
4. (Previously Presented) A process according to claim 1, wherein said organic sulphur compound comprises thiophene.
5. (Previously Presented) A process according to claim 1, wherein said organic sulphur compound is present at a concentration of from 5 ppm to 150 ppm by weight of sulphur in a feed stream containing said aldehyde based upon the total mass of feed.
6. (Previously Presented) A process for the production of an alcohol, comprising the steps of:
 - (a) reducing a catalyst bed provided within a reactor with a hydrogen-containing gas stream;
 - (b) feeding to the bed of said reduced catalyst a gaseous feed stream comprising an aldehyde, a sulphur compound, and hydrogen for a period of time sufficient to provide from 0.2 to 10 kg of sulphur (S) per ton of catalyst, wherein a concentration of said sulphur compound in said feed stream is less than 150 ppm; and
 - (c) subsequently feeding to said catalyst bed a feed stream containing no sulphur compound.

7. (Currently Amended) A process ~~for the production of an alcohol~~ according to claim 3,
~~comprising the steps of:~~ wherein the hydroformylation reaction is effected by
- (a) ~~—~~ reacting an olefin feed with hydrogen and carbon monoxide in a hydroformylation reactor in the presence of a suitable hydroformylation catalyst to form ~~a~~ said hydroformylation reaction product forming said feed stream comprising ~~a~~ said aldehyde and ~~unreacted~~ said olefin; the process further comprising:
- (b) ~~(a)~~ vaporising ~~said hydroformylation products~~ said feed stream and feeding the vapour together with a stream of a hydrogen-containing gas to a hydrogenation reactor containing a bed of ~~a~~ said ~~solid~~ hydrogenation catalyst comprising ~~a~~ said copper compound and ~~a~~ said zinc compound, to form a hydrogenation product stream comprising at least an alcohol and said ~~unreacted~~ olefin; and
- (c) ~~(b)~~ separating said hydrogenation product stream into at least an alcohol stream and a stream containing said ~~unreacted~~ olefin,
- wherein the hydrogenation catalyst is solid and the step of treating said hydrogenation catalyst ~~is treated with a~~ said organic sulphur compound occurs before or during step (b) ~~(a)~~.
8. (Previously Presented) A process according to claim 1, wherein the catalyst further comprises at least one of a catalyst support and a promoter compound.
9. (Previously Presented) A process according to claim 7 further comprising the step of treating said hydroformylation product stream of step (a) to separate the catalyst from the remainder of the hydroformylation product stream.